

What is claimed is:

1. An imaging system comprising:

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A.
- (a) a first image capture device;
  - (b) a second image capture device;
  - (c) a third image capture device;
  - (d) means for combining at least a first portion of a first image captured with said first image capture device with a portion of a second image captured with said second image capture device, to produce a first combined image;
  - (e) means for combining at least a second portion of said first image with at least a portion of a third image captured with said third image capture device to produce a second combined image; and
  - (f) wherein said second combined image does not comprise a majority of said first portion of said first image.

2. The imaging system of Claim 1, wherein said first image capture device, said second image capture device, and said third image capture device are provided arcuately relative to one another, no closer than about five degrees apart.

3. The imaging system of Claim 1, wherein said first image capture device, said second image capture device, and said third image capture device are provided arcuately relative to one another, no closer than about ten degrees apart.

4. The imaging system of Claim 1, wherein said first image capture device, said second image capture device, and said third image capture device are provided arcuately relative to one another, no closer than about forty-five degrees apart.

5. The imaging system of Claim 1, wherein said first image capture device, said second image capture device, and said third image capture device are provided arcuately relative to one another, no closer than about twenty degrees apart.

6. The imaging system of Claim 1, wherein said first portion of said first image is greater than about twenty percent of said first image, and wherein said portion of said second image is greater than about twenty percent of said second image.

7. The imaging system of Claim 6, wherein said first portion of said first image is less than about eighty percent of said first image, and wherein said portion of said second image is less than about eighty percent of said second image.

8. The imaging system of Claim 1, wherein said first portion of said first image is less than about eighty percent of said first image, and wherein said portion of said second image is less than about eighty percent of said second image.

9. The imaging system of Claim 1, wherein said first image and said second image are substantially rectilinear.

10. The imaging system of Claim 1, wherein said first combined image and said second combined image are at least partially equirectangular.

11. The imaging system of Claim 1, wherein said second image and said third image are digital images.

12. The imaging system of Claim 1, further comprising means for sequentially displaying a plurality of combined images in a manner which conveys motion.

13. The imaging system of Claim 1, further comprising means for displaying said first combined image and said second combined image stereoscopically.

14. The imaging system of Claim 1, further comprising means for combining said first combined image with a sufficient plurality of images to produce a first combined panoramic image, representing at least about 90 degrees of a scene, and combining said second combined image with a sufficient plurality of images to produce a second combined panoramic image, representing about 90 degrees of a scene, and means for displaying said first combined panoramic image and said second combined panoramic image in a manner which produces a stereoscopic, panoramic effect.

15. The imaging system of Claim 1, further comprising means for combining said first combined image with a sufficient plurality of images to produce a first combined panoramic image, representing at least about 180 degrees of a scene, and combining said second combined image with a sufficient plurality of images to produce a second combined panoramic image, representing about 180 degrees of a scene, and means for displaying said first combined panoramic image and said second combined panoramic image in a manner which produces a stereoscopic, panoramic effect.

16. The imaging system of Claim 14, further comprising displaying a first set of combined panoramic images and a second set of combined panoramic images in succession, in a manner which produces a succession of visual information.

17. The imaging system of Claim 14, further comprising displaying a first set of combined panoramic images and a second set of combined panoramic images in succession, in a manner which produces a stereoscopic panoramic motion image.

18. The imaging system of Claim 1, further combining said first combined image and said second combined image with a digital image, to produce a stereoscopic image within said digital image.

19. An imaging system comprising:
  - (a) a first image capture device having a first orientation;
  - (b) a second image capture device having a second orientation different from said first orientation;
  - (c) a third image capture device having a third orientation different from said second orientation;
  - (d) a fourth image capture device having a fourth orientation different from said third orientation;
  - (e) means for combining a first image captured with said first image capture device with a second image captured with said second image capture device to produce a first combined image; and
  - (f) means for combining a third image captured with said third image capture device with a fourth image captured with said fourth image capture device to produce a second combined image.

20. The imaging system of Claim 19, further comprising means for displaying said first combined image and said second combined image as a stereoscopic image.

21. The imaging system of Claim 19, wherein said first combined image displays at least about 180 degrees of a scene.

22. The imaging system of Claim 19, wherein said first combined image represents at least about 300 degrees of a scene.

23. A method for producing a stereoscopic image comprising:
  - (a) obtaining a first image;
  - (b) obtaining a second image;

- (c) obtaining a third image;
- (d) combining a first portion of said first image with a portion of said second image to produce a first combined image;
- (e) combining a second portion of said first image with a portion of said third image to produce a second combined image;
- (f) displaying said first combined image and said second combined image in a manner which produces a stereoscopic image.

24. The method of Claim 23, further comprising picking up said first image, said second image, and said third image from a plurality of points defining an arcuate line.

25. The method of Claim 24, wherein said plurality of points are greater than about five degrees apart, and less than about forty-five degrees apart.

26. The method of Claim 24, wherein said plurality of points are greater than about ten degrees apart, and less than about twenty degrees apart.

27. The method of Claim 23, further comprising displaying a first plurality of combined images in sequence and a second plurality of combined images in sequence to produce a stereoscopic motion image.

28. The method of Claim 26, wherein said stereoscopic motion image represents at least about 180 degrees of a scene.